

Astronomy TAG 1.7: Read
What Other Evidence Exists of
Past Collisions in Solar System?

Name _____

Hour _____ Date _____

Stop & Think p. 55

1. When Shoemaker-Levy 9 hit Jupiter, the impacts caused many changes.
Describe the impacts and changes.



2. The impact of the comet and Jupiter was the first to be predicted by scientists. Why do you think impacts with Jupiter may not have been observed or recorded before? What do you think happened to the evidence of the collisions?
3. How was the impact with Jupiter different from impacts that have occurred on Earth or the Moon?
4. At the end of Section 1.2 you were shown a photo of a string of craters on one of the moons of Jupiter. How does what you learned about the Shoemaker-Levy 9 comet change your understanding of how those craters formed?

Update the Project Board